

ENGINEERING/OPERATIONS COMMITTEE MEETING RECAP

February 11, 2010

COMMITTEE MEMBERS PRESENT

Ed Mandich, Committee Chair
Matt Disston, Committee Member

STAFF PRESENT

Don Chadd, General Manager
Hector Ruiz, District Engineer
Sharon E. Smith, Secretary/Treasurer
Kris Hanberg, Wastewater Supervisor
Neil McKenna, Water Supervisor
Bob Beck, Maintenance Supervisor
Teresa Teichman, Assistant to the General Manager
Michael Perea, Special Projects Manager
Karen Warner, Accounting Technician

PUBLIC PRESENT

No members of the public were present.

CALL THE MEETING TO ORDER

Committee Chair Mandich called the Engineering/Operational Committee Meeting to order at 7:10 a.m.

PUBLIC PARTICIPATION

Public comments were announced. There were no oral or written comments.

ORAL COMMUNICATION

There were no comments.

COMMITTEE MEMBER COMMENTS

Committee Chair Mandich commented on the success of last weeks Well Project Upgrade Ground Breaking Ceremony.

REPORT FROM THE GENERAL MANAGER

There was no report from the General Manager.

ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
FEBRUARY 11, 2010
PAGE 2

PROJECT MANAGEMENT

ITEM NO. 1A) STATUS UPDATE RELATING TO THE BAKER REGIONAL
WATER TREATMENT FACILITY

Mr. Hector Ruiz, District Engineer, stated that the Baker Committee has not met since December 2009 and is scheduled to meet on February 11, 2010.

Mr. Ruiz reviewed the project schedule, stated the Preliminary Design Report is expected this month. Mr. Ruiz noted the Baker Committee will be meeting with the design consultant to create a scope of work for a new pump station which is necessary due to the increase in capacity from 34.5 cfs to 43.5 cfs.

A status update will be provided to the Board of Directors at the February 17, 2010 Regular Board Meeting.

The Engineering/Operational Committee received the staff report and status update. No action taken.

ITEM NO. 1B) STATUS UPDATE AND POSSIBLE ACTION RELATING TO
ROSE CANYON AND LANG WELLS GROUNDWATER TREATMENT
FACILITY

Discussion occurred regarding the Wells Project Ground Breaking Ceremony which took place on February 5, 2010 at the Well site.

Mr. Ruiz advised the biological pre-construction survey was conducted last week and the biologist delineated the site in preparation for grading.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1C) DISCUSSION RELATING TO EL TORO ROAD SEWER/
CHIQUITA SYSTEM - PARTIAL DIVERSION OF FLOWS
TO IRVINE RANCH WATER DISTRICT'S SEWER SYSTEM

Mr. Ruiz stated there is no new information to report at this time.

The Engineering/Operational Committee received the staff report. No action necessary.

ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
FEBRUARY 11, 2010
PAGE 3

ITEM NO. 1D) STATUS UPDATE RELATING TO WATER MONITORING AND
WATER CONSERVATION EFFORTS

Mr. Don Chadd, General Manager, reviewed the domestic water consumption by district customers for the months of December 2009 and January 2010.

Mr. Chadd stated the district considers residential usage at or below the fourth tier to be a wise water user.

Mr. Chadd also noted water conservation ordinance violation calls have reduced during the current rains.

The Engineering and Operational Committee received the status update. No action taken.

ITEM NO. 1E) STATUS UPDATES REGARDING ON-GOING ENGINEERING
PROJECTS

1. Golf Club Lift Station Upgrades/Rehabilitation

Mr. Ruiz reported there were no changes since last month. Staff is continuing to evaluate replacement of the surge tank and dry pit pumps.

2. Water Systems Inter-Tie Reliability Study

Mr. Ruiz reported there were no changes since last month.

3. Shadow Rock Detention Basin Project

Mr. Ruiz reported there has been little activity on this project. After meeting with Southern California Edison (SCE) the District was requested to provide easements for allowing SCE to provide power through the nursery.

4. T-mobile Trabuco Highlands Reservoir Antenna Installation

Mr. Ruiz advised the Homeowner's Association and County of Orange have given T-mobile approval on the project and work is anticipated to begin next month.

ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
FEBRUARY 11, 2010
PAGE 4

5. Brookseed/Dove Water Main Inter-Tie/Fire Line

Mr. Ruiz reported there has been no change since last month.

6. Other Projects

No other projects were discussed.

The Engineering/Operational Committee received the status updates. No action taken.

ITEM 1F) STATUS UPDATES REGARDING ACTIVE DEVELOPMENTS

1. Orange County Fire Authority Sewer System Project

There is no new activity to report.

2. Oaks at Trabuco

There is no new activity to report.

3. Rancho Las Lomas

There is no new activity to report.

4. Other Active Developments

No other developments were discussed.

The Engineering/Operational Committee received the staff report and status update. No action taken.

ITEM NO. 1G) WATER SYSTEM STATUS UPDATE

Mr. Neil McKenna, Water Supervisor, provided the January 2010 update.

Source Water Production

1. The water treatment plant production totaled 141 acre feet.
2. The Rose Canyon Well produced 1.5 acre feet and the Lang Well produced zero acre feet.

3. The average daily demand was 4.7 acre feet, or 2.3 cfs.

Projects and Repairs

1. Water Department Personnel successfully treated Irvine Lake water during the week long Diemer Plant Shutdown.
2. Water Department Personnel started up the Rose Well at the end of January.

Mr. McKenna reported both wells are currently on and are producing approximately 750 gallons per minute which has enabled the Water Treatment Plant to be turned off at this time.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1H) WASTEWATER SYSTEM STATUS UPDATE

Mr. Kris Hanberg, Wastewater Supervisor, provided the January 2010 status update.

Robinson Ranch Wastewater Treatment Plant

1. The reclaimed water production totaled 67 acre feet.
2. The recycled water demand was 13.6 acre feet.
3. Dove Lake had zero feet of freeboard.
4. The reclaimed water reservoir had 6 feet of freeboard.
5. The District pumped a total of 38 acre feet from Dove Lake.
6. The Dry Season Water Recovery Project produced 4.69 acre feet.

Projects

1. District Personnel painted the Golf Club Lift Station pumps and piping.

Mr. Hanberg discussed the Sewer System Management Plan (SSMP) Report for January and reviewed the information provided on the attached SSMP Quarterly Report.

The Engineering/Operational Committee received the status update. No action taken.

ENGINEERING/OPERATIONAL COMMITTEE MEETING
FEBRUARY 11, 2010
PAGE 6

ITEM NO. 1I) JANUARY 2010 OPERATIONAL REPORT REVIEW

There were no anomalies to report.

The Engineering/Operational Committee received and filed the report. No action taken.

ITEM NO. 1J) ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

No changes were made to the Engineering/Operational recap.

The Engineering/Operational Committee recommended that the Board receive and file the January 14, 2010 Engineering/Operational Committee Meeting Recap.(Consent Calendar.)

ITEM NO. 1K) OTHER MATTERS/REPORT

Mr. Chadd reported TCWD has completed the first transmission of electronic utility billing and was able to obtain reduced postal rates through meeting the carrier route sequence requirements.

Mr. Chadd also noted improvements to the layout of the utility bill including modifying how the billing units print out and clarification of certain fields.

Mr. Chadd also noted this is the first month with the Water Reliability and Emergency Storage (WRES) fee on the monthly utility bill. Customer service has received several calls concerning flat fees based on meter sizes. Staff is creating a waiver for customers to submit a request to reduce WRES rates for wise water users who stay below the fourth billing tier and may have a 2-inch or larger meter.

The Engineering/Operational Committee received the information as presented. No action taken.

ADJOURNMENT

Committee Chair Haselton adjourned the February 11, 2010 Engineering/Operational Committee Meeting at 7:42 a.m.